

# iTunes Connect Sales and Trends Guide: App Store v14



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## Revision History

**March 4, 2015—v14.** Updates for redesign and Version field.

**September 19, 2014—v13.** Updates for iOS 8.

**July 23, 2014—v12.** Updates for style and clarity.

**February 13, 2014—v11.** Updates for Sales and Trends redesign.

**October 17, 2013—v10.** Updates to Autoingestion instructions. Update for the Category field.

**April 9, 2013—v9.** Weekly reports are now available for the previous 26 weeks. Daily reports are now available for the previous 30 days.

**March 6, 2013—v8.** Updates for Sales and Trends redesign. Monthly summary reports for the previous 12 months are now available. Yearly summary reports for all previous years can be downloaded. Graph and sales data can be filtered by free or paid content.

**November 6, 2012—v7.** Major content revision.

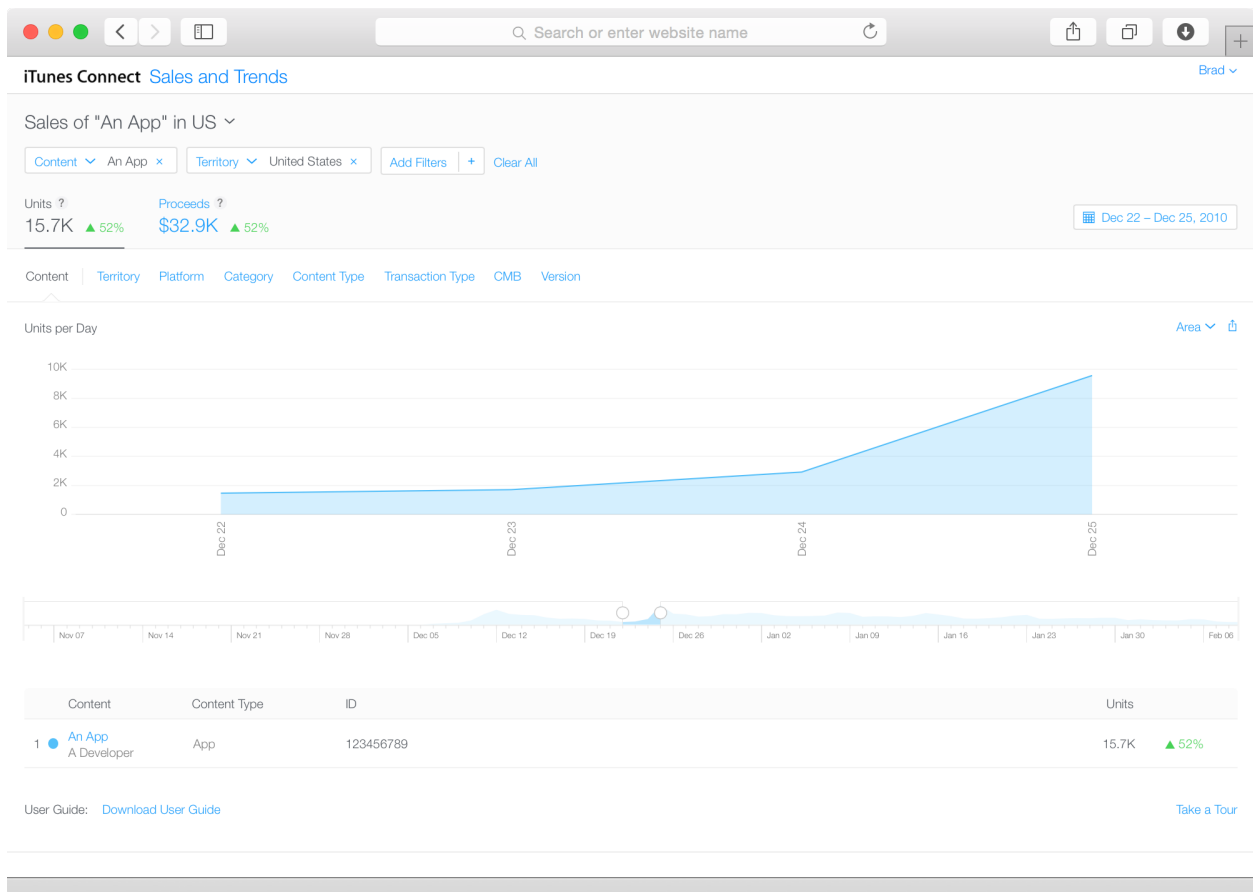
## Sales and Trends

[Sales and Trends](#) on iTunes Connect allows you to:

- View sales within a selected time period
- Group your sales data (for example, by territory)
- Filter sales by one or more values (for example, by content title and transaction type)

## Top Content Page

[Sales and Trends](#) shows sales information for all of your top content by default.



## Tabs

To view your completed sales by units or by proceeds in U.S. dollars, select the appropriate tab.

The number below the tab name represents the total sales for the current period in the date selector. You can also view the percentage of change between the selected date period and the

previous period. For example, if you select a date period of the last seven days, then the percentage change compares the selected seven days with the prior seven days.

## Date

Choose any time period in the Date section. You can click a predefined period (for example, Last 7 Days) or enter a date range.

## Date Slide Control

You can also choose a period with the date slider below the main graph: drag the left and right handles to set the beginning and end dates. You can then click and drag the specified time window forward and backward in time, if desired.

## Group By

You can group your sales data by various criteria. For example, to view sales across multiple territories, choose By Territory.

## Filters

Use filters to create customized sales views. For example, you can view just the sales of a specific app within a specific territory. To return to the default view, click Clear All.

## Graph

The graph displays your data according to your chosen date range, group, and filters.

## Table

The table at the end of the page displays information about your sales and your proceeds based on the selected date period, group, and filters.

Click any row in the table to add the corresponding value to your filters. This will also automatically update the table content to display subgroups. For example, if you select group by territory and click the Europe row, the table will display data for all App Store territories in Europe.

## Top Content Page Features

### Saved Views

To save your current chosen date range, group, and filter selections, click Save next to Untitled Report. You can later choose your saved views from the Top Content menu.

### Export

To download the data currently displayed by the graph, or copy it to the clipboard, click the download button in the upper right of the graph.

### Custom Territory Groups

To create custom territory groups that filter your content according to territories you've selected, choose Create Custom Territory Group from Territory in the Filters menu.

### Reports Page

Download your Sales and Trends reports by choosing Reports from the Top Content menu. If you have more than one contract, choose the vendor for each of your contracts.

## Reports

[Sales and Trends](#) provides three basic kinds of reports: Sales Summary, Newsstand Detailed, and Opt-In.

The Sales Summary report shows aggregated sales for each of your apps. If you have one or more Newsstand apps, you can download the Newsstand Detailed report that shows individual sales. For Newsstand apps, you can also download Opt-In reports that contain contact information for customers who chose to opt-in to share their information.

The following table summarizes the available reports:

Report Type	Report Subtype	Date Types
Sales	Summary	Daily, Weekly, Monthly, Yearly
Sales	Opt-In	Weekly
Newsstand	Detailed	Daily, Weekly

## Downloading Reports

To download reports from [Sales and Trends](#) on iTunes Connect, go to the Reports page and select a vendor, report period, and date. You can also download reports using the Autoingestion tool.

All reports are delivered as tab-delimited text files in ZIP format. Opt-In reports are password-protected. To open these files, use a decompression tool that supports password-protected ZIP files. The password is provided on the Reports page.

## Availability

Reports are only available at certain times and only retained for certain periods of time. Reports should be downloaded regularly for your records. Apple does not store or regenerate the data after these periods have expired. For details, see Appendix D.

- Daily reports include data for the previous day and are retained for 30 days
- Weekly reports include data starting on Monday and ending on Sunday of the previous week. Weekly reports are available on Mondays and retained for 26 weeks
- Monthly reports are available five days after the month's end date and are retained for 12 months
- Yearly reports are available six days after the year's end date and are retained indefinitely
- Reports are available by 6 a.m. in each territory's respective time zone

## Autoingestion Tool

You can use the Autoingestion tool to download reports from the command line or through a custom script that you create. Follow the steps below to set up and use the Autoingestion tool. Note that Java 1.6 or later is required.



- **Download** the Autoingestion.class file to the directory where you want the reports delivered.
  - You must not alter or disseminate the Autoingestion tool for any reason. Apple reserves the right to revoke access for usage or distribution beyond its intended use.
- You must create a text file that contains your Apple ID and password in the format below. Note that parameters with <> are placeholders; you must insert your own values.

```
userID = <Apple_ID>  
password = <password>
```

- The text file must use the file extension “.properties” and can only contain one Apple ID and password. Save the file in the same directory as Autoingestion.class.
- To retrieve a report, open a command line in a tool such as the Terminal app in OS X, change to the directory where Autoingestion.class is located and run the command below.

```
java Autoingestion <properties_filename> <vendor_id> <report_type>  
<date_type> <report_subtype> <date>
```

- The table below describes the parameters and values that Autoingestion uses.
  - All parameters are required, except for the date. If the date parameter is not provided, the latest available report will be downloaded.
  - You must delimit parameters with a space.

Parameter	Values	Notes
properties_filename	Name of the properties file	Make sure the file extension is “.properties”. For example, jane_doe.properties.
vendor_id	Your unique vendor number	The vendor ID for which you want to download the report. For example, 80012345.
report_type	Sales or Newsstand	
date_type	Daily, Weekly, Monthly, Yearly	
report_subtype	Summary, Detailed, or Opt-In	Opt-In only applies to Sales report.
date (optional)	YYYYMMDD (Daily or Weekly) YYYYMM (Monthly) YYYY (Yearly)	The date of the report you are requesting. Date parameter is optional. If it is not provided, you will get the latest report available.

## Examples

The examples below assume that the user Jane Doe, who works for a company with the vendor ID 80012345, has created a properties file called jane\_doe.properties that is located in the same

directory as Autoingestion.class:

Example	Command
Summary of sales for Sep 19, 2013	java Autoingestion jane_doe.properties 80012345 Sales Daily Summary 20130919
Summary of sales for Sep 2013	java Autoingestion jane_doe.properties 80012345 Sales Monthly Detailed 201309
Opt-In report for week ending Sep 15, 2013	java Autoingestion jane_doe.properties 80012345 Sales Weekly Opt-In 20130915
Detailed Newsstand report for week ending Sep 15, 2013	java Autoingestion jane_doe.properties 80012345 Newsstand Weekly Detailed 20130915

## Reading Reports

All reports contain a header row with the field names for each column. The reports include transactions that can be tracked by SKU, vendor ID, or Apple ID.

For a complete list of report fields, see Appendices A, B, and C. For sample reports, see Appendices M, N, and O.

## Appendix A - Sales Report Field Definitions

Report Field	Report Data Type	Values	Notes
Provider	CHAR(5) - APPLE	Up to 5 Characters	The service provider in your reports (typically Apple).
Provider Country	CHAR(2) - US	Up to 2 Characters	The service provider country code (typically U.S.).
SKU	VARCHAR(100)	Up to 100 Characters	A product identifier provided by you during app setup.
Developer	VARCHAR(4000)	Up to 4000 Characters	Provided by you during the initial account setup.
Title	VARCHAR(600)	Up to 600 Characters	Provided by you during app setup.
Version	VARCHAR(100)	Up to 100 Characters	Provided by you during app setup.
Product Type Identifier	VARCHAR(20)	Up to 20 Characters	Defines the type of transaction (for example, initial download, update, and so on). For more information, see <a href="#">Appendix D</a> .
Units	DECIMAL(18,2)	Up to 18 Characters	The aggregated number of units.
Developer Proceeds (per item)	DECIMAL(18,2)	Up to 18 Characters	The proceeds for each item delivered.
Begin Date	Date	Date in MM/DD/YYYY	Start date of report.
End Date	Date	Date in MM/DD/YYYY	End date of report.
Customer Currency	CHAR(3)	Up to 3 Characters	Three-character ISO code indicating the customer's currency. For more information, see <a href="#">Appendix G</a> .
Country Code	CHAR(2)	Up to 2 Characters	Two-character ISO country code indicating the App Store territory for the purchase. For more information, see <a href="#">Appendix E</a> .
Currency of Proceeds	CHAR(3)	Up to 3 Characters	The currency in which your proceeds are earned. For more information, see <a href="#">Appendix G</a> .
Apple Identifier	DECIMAL(18,0)	Up to 18 Characters	The Apple ID for your app.
Customer Price	DECIMAL(18,2)	Up to 18 Characters	Price displayed on the App Store.

Report Field	Report Data Type	Values	Notes
Promo Code	VARCHAR(10)	Up to 10 Characters	If the transaction was part of a promotion, this field will contain a value. This field is empty for all nonpromotional items. For more information, see <a href="#">Appendix F</a> .
Parent Identifier	VARCHAR(100)	Up to 100 Characters	In-App Purchases will show the SKU of the associated app.
Subscription	VARCHAR(10)	Up to 10 Characters	Defines whether an auto-renewable subscription is new or a renewal. For more information, see <a href="#">Appendix H</a> .
Period	VARCHAR(30)	Up to 30 Characters	Defines the duration of an auto-renewable subscription purchase. For more information, see <a href="#">Appendix H</a> .
Category	VARCHAR(50)	Up to 50 Characters	Indicates the category of the app, such as Games.
CMB	VARCHAR(5)	Up to 5 Characters	If the transaction involves a "completed" app bundle then this field will contain a value of "CMB". App credits for completed bundles will show a value of "CMB-C". Otherwise this field is blank.

## Appendix B - Opt-In Report Field Definitions

Report Field	Report Data Type	Values	Notes
First Name	VARCHAR(100)	Up to 100 Characters	Customer's first name.
Last Name	VARCHAR(100)	Up to 100 Characters	Customer's last name.
Email Address	VARCHAR(100)	Up to 100 Characters	Customer's email address.
Postal Code	VARCHAR(50)	Up to 50 Characters	Customer's postal code.
Apple Identifier	DECIMAL(18,0)	Up to 18 Characters	The Apple ID for your app.
Report Start Date	DATE	Date in MM/DD/YYYY	Date of start of report.
Report End Date	DATE	Date in MM/DD/YYYY	Date of end of report.

## Appendix C - Newsstand Report Field Definitions

Report Field	Report Data Type	Values	Notes
Provider	CHAR(5)	Up to 5 Characters	The service provider in your reports (typically Apple).
Provider Country	CHAR(2)	Up to 2 Characters	The service provider country code (typically US).
SKU	VARCHAR(100)	Up to 100 Characters	The product identifier provided by you during app setup.
Developer	VARCHAR(4000)	Up to 4000 Characters	Provided by you during the initial account setup.
Title	VARCHAR(600)	Up to 600 Characters	Provided by you during app setup.
Version	VARCHAR(100)	Up to 100 Characters	Provided by you during app setup.
Product Type Identifier	VARCHAR(20)	Up to 20 Characters	Defines the type of transaction (for example, initial download, update, and so on). For more information, see <a href="#">Appendix D</a> .
Units	DECIMAL(18,2)	Up to 18 Characters	The aggregated number of units.
Developer Proceeds (per item)	DECIMAL(18,2)	Up to 18 Characters	The proceeds for each item delivered.
Customer Currency	CHAR(3)	Up to 3 Characters	Three-character ISO code indicating the customer's currency. For more information, see <a href="#">Appendix G</a> .
Country Code	CHAR(2)	Up to 2 Characters	Two-character ISO country code indicating the App Store territory for the purchase. For more information, see <a href="#">Appendix E</a> .
Currency of Proceeds	CHAR(3)	Up to 3 Characters	The currency in which your proceeds are earned. For more information, see <a href="#">Appendix G</a> .
Apple Identifier	DECIMAL(18,0)	Up to 18 Characters	The Apple ID for your app.
Customer Price	DECIMAL(18,2)	Up to 18 Characters	Retail Price displayed on the App Store and charged to the customer.

Report Field	Report Data Type	Values	Notes
Promo Code	VARCHAR(10)	Up to 10 Characters	If the transaction was part of a promotion, this field will contain a value. This field is empty for non-promotional items. For more information, see <a href="#">Appendix F</a> .
Parent Identifier	VARCHAR(100)	Up to 100 Characters	In-App Purchases will show the SKU of the associated app.
Subscription	VARCHAR(10)	Up to 10 Characters	Defines whether an auto-renewable subscription is new or a renewal. For more information, see <a href="#">Appendix H</a> .
Period	VARCHAR(30)	Up to 30 Characters	Defines the duration of an auto-renewable subscription purchase. For more information, see <a href="#">Appendix H</a> .
Download Date (PST)	TIMESTAMP(0)	Date in MM/DD/YYYY	The download date.
Customer Identifier	DECIMAL(18,0)	Up to 18 Characters	The customer identification.
Report Date (Local)	DATE	Date in MM/DD/YYYY	The date of the report. The date and time is always the local.
Sales/Return	CHAR(1)	Up to 1 Character	Can be S or R. R is a refund and not a reversal.
Category	VARCHAR(50)	Up to 50 Characters	Indicates the category of the app, such as Games.
CMB	VARCHAR(5)	Up to 5 Characters	Credits for Newsstand apps that are part of a "completed" app bundle purchase will show a value of "CMB-C". Otherwise this field is blank.

## Appendix D - Definition of Day and Week

### How is a day defined for these reports?

A day starts at 12:00:00 a.m. and ends at 11:59:59 p.m. in the territory's time zone (see table below).

### How is a week defined for these reports?

A week starts on Monday at 12:00:00 a.m. and ends on Sunday at 11:59:59 p.m.

### What time zone is the report date based on?

Territory	Time Zone
U.S., Canada, Latin America	Pacific Standard Time (PST), Pacific Daylight Time (PDT)
Europe, Middle East, Africa, Asia Pacific	Central Europe Time (CET), Central Europe Summer Time (CEST)
Japan	Japan Standard Time (JST)
Australia, New Zealand	Australian Eastern Standard Time (AEST), Australian Eastern Daylight Time (AEDT)

### When are these reports available?

Reports are available by 6 a.m. in each territory's respective time zone.



## Appendix E – Product Type Identifiers

Product Type Identifier 1 is only used the first time a customer downloads an app. Family Sharing, redownloads, and downloads on multiple devices with the same Apple ID aren't counted.

Updates, which are Product Type Identifier 7, are counted separately for each device where that update has been installed, including Family Sharing updates.

Product Type Identifier	Type	Description
1	Free or paid app	iPhone and iPod touch (iOS)
7	Update	iPhone and iPod touch (iOS)
1-B	App Bundle	
1E	Paid app	Custom iPhone and iPod touch (iOS)
1EP	Paid app	Custom iPad (iOS)
1EU	Paid app	Custom universal (iOS)
1F	Free or paid app	Universal (iOS)
1T	Free or paid app	iPad (iOS)
7F	Update	Universal (iOS)
7T	Update	iPad (iOS)
F1	Free or paid app	Mac app
F7	Update	Mac app
F11	In-App Purchase	Mac app
IA1	In-App Purchase	Purchase (iOS)
IA1-M	In-App Purchase	Purchase (Mac)
IA9	In-App Purchase	Subscription (iOS)
IA9-M	In-App Purchase	Subscription (Mac)
IAC	In-App Purchase	Free subscription (iOS)
IAC-M	In-App Purchase	Free subscription (Mac)
IAY	In-App Purchase	Auto-renewable subscription (iOS)
IAY-M	In-App Purchase	Auto-renewable subscription (Mac)

## Appendix F – Country Codes

Country Code	Country Name	Country Code	Country Name	Country Code	Country Name
AL	Albania	GR	Greece	PA	Panama
DZ	Algeria	GD	Grenada	PG	Papua New Guinea
AO	Angola	GT	Guatemala	PY	Paraguay
AI	Anguilla	GW	Guinea-Bissau	PE	Peru
AG	Antigua and Barbuda	GY	Guyana	PH	Philippines
AR	Argentina	HN	Honduras	PL	Poland
AM	Armenia	HK	Hong Kong	PT	Portugal
AU	Australia	HU	Hungary	QA	Qatar
AT	Austria	IS	Iceland	KR	Republic Of Korea
AZ	Azerbaijan	IN	India	MD	Republic Of Moldova
BS	Bahamas	ID	Indonesia	RO	Romania
BH	Bahrain	IE	Ireland	RU	Russia
BB	Barbados	IL	Israel	ST	São Tomé and Príncipe
BY	Belarus	IT	Italy	SA	Saudi Arabia
BE	Belgium	JM	Jamaica	SN	Senegal
BZ	Belize	JP	Japan	SC	Seychelles
BJ	Benin	JO	Jordan	SL	Sierra Leone
BM	Bermuda	KZ	Kazakhstan	SG	Singapore
BT	Bhutan	KE	Kenya	SK	Slovakia
BO	Bolivia	KW	Kuwait	SI	Slovenia
BW	Botswana	KG	Kyrgyzstan	SB	Solomon Islands
BR	Brazil	LA	Lao, People's Democratic Republic of	ZA	South Africa

Country Code	Country Name	Country Code	Country Name	Country Code	Country Name
VG	British Virgin Islands	LV	Latvia	ES	Spain
BN	Brunei	LB	Lebanon	LK	Sri Lanka
BG	Bulgaria	LR	Liberia	KN	St. Kitts and Nevis
BF	Burkina Faso	LT	Lithuania	LC	St. Lucia
KH	Cambodia	LU	Luxembourg	VC	St. Vincent and The Grenadines
CA	Canada	MO	Macau	SR	Suriname
CV	Cape Verde	MK	Macedonia	SZ	Swaziland
KY	Cayman Islands	MG	Madagascar	SE	Sweden
TD	Chad	MW	Malawi	CH	Switzerland
CL	Chile	MY	Malaysia	TW	Taiwan
CN	China	ML	Mali	TJ	Tajikistan
CO	Colombia	MT	Malta	TZ	Tanzania
CG	Congo, Republic of the	MR	Mauritania	TH	Thailand
CR	Costa Rica	MU	Mauritius	TT	Trinidad and Tobago
HR	Croatia	MX	Mexico	TN	Tunisia
CY	Cyprus	FM	Micronesia, Federated States of	TR	Turkey
CZ	Czech Republic	MN	Mongolia	TM	Turkmenistan
DK	Denmark	MS	Montserrat	TC	Turks and Caicos
DM	Dominica	MZ	Mozambique	UG	Uganda
DO	Dominican Republic	NA	Namibia	UA	Ukraine
EC	Ecuador	NP	Nepal	AE	United Arab Emirates
EG	Egypt	NL	Netherlands	GB	United Kingdom

Country Code	Country Name
SV	El Salvador
EE	Estonia
FJ	Fiji
FI	Finland
FR	France
GM	Gambia
DE	Germany
GH	Ghana

Country Code	Country Name
NZ	New Zealand
NI	Nicaragua
NE	Niger
NG	Nigeria
NO	Norway
OM	Oman
PK	Pakistan
PW	Palau

Country Code	Country Name
US	United States
UY	Uruguay
UZ	Uzbekistan
VE	Venezuela
VN	Vietnam
YE	Yemen
ZW	Zimbabwe

## Appendix G – Promotional Codes

The promo code field values indicate the type of code used. Only one value is possible per line in the report. Note that “null” means that this is a standard transaction. The values below can appear in the promo code field.

Promo Code	Description
CR - RW	Promotional codes where the proceeds have been waived. The customer price will be 0 and the proceeds will be 0. These transactions are redemptions of iTunes Connect Developer Codes.
GP	Purchase of a gift.
GR	Redemption of a gift. (Deprecated in September 2013.)
EDU	Education Store transaction.

## Appendix H – Currency Codes

Currency Code	Currency Name
AED	United Arab Emirates Dirham
AUD	Australian Dollar
CAD	Canadian Dollar
CHF	Swiss Franc
CNY	Chinese Yuan
DKK	Danish Krone
EUR	Euro
GBP	Pound Sterling
HKD	Hong Kong Dollar
IDR	Indonesian Rupiah
ILS	Israeli New Shekel
INR	Indian Rupee
JPY	Japanese Yen
MXN	Mexican Peso
NOK	Norwegian Krone
NZD	New Zealand Dollar
RUB	Russian Ruble
SAR	Saudi Riyal
SEK	Swedish Krona
SGD	Singapore Dollar
TRY	Turkish Lira
TWD	New Taiwan Dollar
USD	United States Dollar
ZAR	South African Rand

## Appendix I - Subscription and Period Field Values

The Subscription field indicates whether the purchase of the auto-renewable subscription purchase is new or a renewal.

Subscription Field Value
New
Renewal

The Period field indicates the duration of the auto-renewable subscription purchase or renewal.

Period Field Value
7 Days
1 Month
2 Months
3 Months
6 Months
1 Year

## Appendix J - FAQ

### Why am I seeing differences between Financial Reports and Sales and Trends reports?

The difference between the two reports is the timeframe. Daily and weekly Sales and Trends reports are real-time and based on customer interactions. Monthly Payments and Financial reports are based on actual financial transactions in our system.

Note that weekly Sales and Trends reports end on Sunday and start on Monday, while the Payment and Financial reports are based on Apple Fiscal Quarters that always end on a Saturday. The timeframe difference between the Sales and Trends reports and the Payments and Financial reports is intentional. Combining the reports is not recommended because of the timeframe and reporting difference.

### What is an Apple ID?

The Apple ID (Apple Identifier) included in each row of your sales reports is the unique product identifier assigned to your app by Apple. Note that this Apple ID is different from your own Apple ID that you use to sign into iTunes Connect. Include the Apple ID of your app whenever you contact support.

You can also access an app's Apple ID by using the links on the app's product page on the App Store. On iOS devices, tap the share icon in the upper right and tap Copy Link. On a Mac, choose Copy Link from the pull-down menu below the app's icon. The copied link will be in the format of the example link below. The number in bold is the app's Apple ID.

[itunes.apple.com/us/app/remote/id284417350?mt=85](https://itunes.apple.com/us/app/remote/id284417350?mt=85)

### Do weekly reports include the daily reports?

Yes, weekly reports include the daily reports. Daily and weekly Sales and Trends reports are based on the same customer interactions.

### Why do I see a high volume of sales for a short period of time followed by a significant drop?

It is common that some items see a significant increase in sales and, after a short period, the numbers return to normal. This is generally due to promotional activities by blogs or a sales campaign that might be associated with your content.

### Why can't I see any sales for a particular item?

This can be an indication of an item not being available on the store. Check the product availability on iTunes Connect and ensure that the latest contracts are agreed to and in place. If your contracts are in place, ensure your app is cleared for sale in the Rights and Pricing area for that app in [My Apps](#) on iTunes Connect.

### Why there are refunds on my reports?

Apple will provide a refund if the customer experience was unsatisfactory due to the app's content or quality.

You can monitor the rate of refunds and the content that is refunded and use it as an indication of content quality.



### **When are auto-renewable subscriptions renewed?**

Auto-renewable subscriptions renew on the same day as the original purchase. For example, if a monthly auto-renewable subscription is purchased on September 9, then it will auto-renew on October 9.

In cases where the original purchase happens on a day that does not exist for certain months then the subscription will auto-renew on the last day of those months, and continue to renew on that new day of the month from then on. For example, if the purchase happens on October 31, it will auto-renew on November 30, December 30, and so on. Note that in February, these same subscriptions will start auto-renewing on the 28th day of every month.

## Appendix K – Report File Names

The file names for downloaded reports follow the naming convention below:

Report Type	Report Subtype	Date Type	Naming Convention	Example
Sales	Summary	Daily	S_D_<vendor_id>_<date>	S_D_80012345_20130919
Sales	Summary	Weekly	S_W_<vendor_id>_<date>	S_W_80012345_20130915
Sales	Summary	Monthly	S_M_<vendor_id>_<date>	S_M_80012345_201309
Sales	Summary	Yearly	S_Y_<vendor_id>_<date>	S_Y_80012345_2013
Sales	Opt-In	Weekly	O_S_W_<vendor_id>_<date>	O_S_W_80012345_20130915
Newsstand	Detailed	Daily	N_D_D_<vendor_id>_<date>	N_D_D_80012345_20130919
Newsstand	Detailed	Weekly	N_D_W_<vendor_id>_<date>	N_D_W_80012345_20130915

## Appendix L – Encoded Autoingestion Parameters

The table below gives numeric and character codes that can be used in place of full parameter values. The following sets of three commands, for example, are equivalent:

```
java Autoingestion jane_doe.properties 80012345 Sales Daily Summary 20130919
java Autoingestion jane_doe.properties 80012345 1 2 2 20130919
java Autoingestion jane_doe.properties 80012345 S D S 20130919
```

Parameter Type	Value	Numeric Code	Character Code
Date Type	Weekly	1	W
Date Type	Daily	2	D
Date Type	Monthly	3	M
Date Type	Yearly	4	Y
Report	Sales	1	S
Report	Newsstand	5	N
Report Subtype	Detailed	1	D
Report Subtype	Summary	2	S
Report Subtype	Opt-In	4	O